Polar Speed Sensor™
with Polar Bike Mount™

User manual

Geschwindigkeitsmesser inkl. Fahrradhalterung
Gebrauchsanleitung

Capteur de vitesse et support vélo
Manuel d'Utilisation

Snelheid Sensor en stuurhouder
Gebruiksaanwijzing

Sensor de Velocidad y soporte para bicicletas
Manual del Usuario

Sensore di Velocità e supporto per bicicletta
Manuale d'uso

Sensor de Velocidade e suporte para bicicleta
Manual do utilizador

Hastighedssensor og cykelmonteringssæt
Brukerhåndbog

Hastighetssensor og sykkelholder
Brukerveiledning

Hastighetssensorset med styrfäste
Bruksanvisning

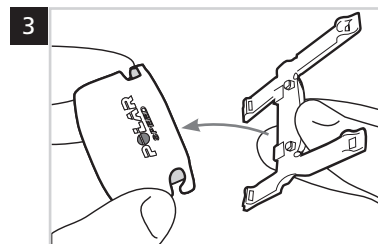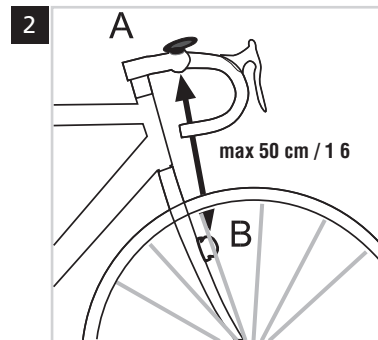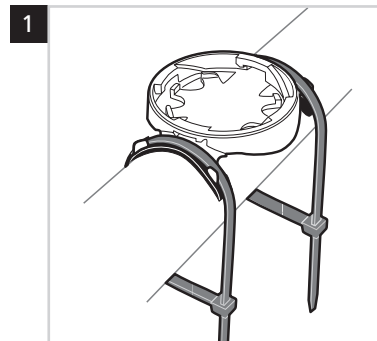**Nopeussensori ja Bike Mount -pidike**
Käyttöohje

POLAR®
LISTEN TO YOUR BODY

1

2

A

max 50 cm / 1 6

B

3

4

5

6
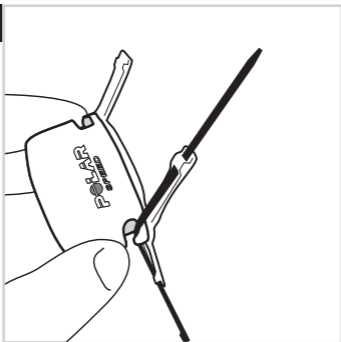
max 4 mm /
0'16"
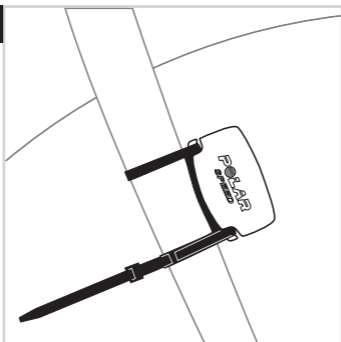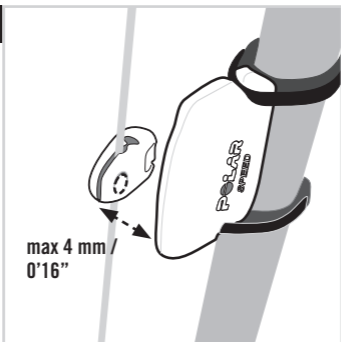
The Polar Speed Sensor is designed to measure speed and distance when cycling. No other use is intended or implied.

Please follow the pictures on the front cover.

INSTALLING THE POLAR BIKE MOUNT AND CYCLING COMPUTER

A Polar Bike Mount and a cycling computer
B Polar Speed Sensor, rubber part and spoke magnet

• You can install the bike mount and the cycling computer on the left or right side of the handlebar or on the stem.

• Place the rubber part on the handlebar or stem and insert the bike mount on top of it (picture 1).

• Use cable ties to secure the bike mount snugly on the handlebar/stem as shown in picture 1. Cut off any excess cable tie ends.

• Position the cycling computer on to the bike mount. Turn the cycling computer clockwise until you hear a click. You can release the cycling computer by pressing it down and simultaneously turning it counter clockwise.

INSTALLING THE POLAR SPEED SENSOR

• To install the speed sensor and spoke magnet, you need cutters and a small screwdriver.

• Attach the speed sensor (B) to the opposite side of the front fork from the mounted cycling computer (A) (see picture 2). The speed sensor and the cycling computer should be no more than 30-40 cm/1'–1'3" apart.

  In case, the cycling computer is attached to the stem or if you are exercising in surroundings with electromagnetic interference, the distance should be minimized (minimum 30 cm/1'). The speed sensor and cycling computer should form approximately a 90° angle.

  Should the distance between the cycling computer and the speed sensor be longer than recommended (for example on mountain bikes due to the front suspension), the speed sensor could be attached on the same side of the front fork as the cycling computer. In this case the maximum distance is 50 cm/1'6".

- Attach the rubber part to the sensor (picture 3).

- Pass the cable ties through the speed sensor and rubber part holes. (picture 4).

- Adjust the sensor to the front fork so that the POLAR logo faces outwards. Adjust the ties loosely. **Do not tighten them fully yet.** (Picture 5.)

- Attach the magnet to a spoke at the same level as the sensor. The magnet hole must be facing the speed sensor. Fasten the magnet to the spoke and tighten it loosely with a screwdriver. Do not tighten it fully yet. (Picture 6.)

- Fine-tune the positioning of both the magnet and the speed sensor so that the magnet passes close to the sensor but does not touch it. Adjust the sensor towards the wheel/spokes as much as possible. The maximum distance between the sensor and the magnet should be 4 mm/0'16". The gap is correct when you can fit a cable tie just about between the magnet and the sensor (picture 6).

- Rotate the front tyre so that you can see a speed reading on the display of your cycling computer. The reading indicates that the magnet and the speed sensor are positioned correctly. Once the magnet and the speed sensor are positioned correctly, tighten the screw to the magnet with a screwdriver. Also tighten the cable ties securely and cut off any excess cable tie ends.

Your safety is important to us. While riding your bike, please keep your eyes on the road to prevent any accidents and injury. Check that you can turn the handlebar normally and that the cable wires for brakes or gearing do not catch on the bike mount or the speed sensor. Check also that the bike mount or speed sensor does not hamper pedaling or the use of brakes or gearing.

Before you start cycling, you should set the wheel size of your bicycle into the cycling computer. For further information on how to use the Polar Speed Sensor with the cycling computer, please refer to the user manual of the cycling computer in question.

CARE AND MAINTENANCE

- Do not immerse the speed sensor in water.
- Keep the speed sensor clean. Clean it with a mild soap and water solution and in the end rinse it with clean water. Dry it carefully with a soft towel. Never use alcohol or any abrasive material such as steel wool or cleaning chemicals.
- Avoid hard hits as these may damage the sensor.

Speed sensor battery
Contact your authorized Polar Service Center for a replacement of speed sensor.

FREQUENTLY ASKED QUESTIONS

What should I do if...

...the speed reading is 00 or there is no speed reading while cycling?
- Check the correct position and distance of the sensor with the magnet and the cycling computer.
- Check that you have set the correct cycling settings in your cycling computer. For further information please refer to the user manual of the cycling computer in question.
- If the 00 reading appears irregularly, this may be due to temporary electromagnetic interference in your current surroundings.
- If the 00 reading is constant, you may have exceeded 4500 riding hours and the battery is empty.

...there are irregular speed, distance or heart rate readings?
- Electromagnetic interference as well as interference from other wireless cycling computers may affect readings of speed, distance and heart rate.
- Disturbances may occur near high voltage power lines, traffic lights, overhead lines of electric railways, electric bus lines or trams, televisions, car motors, bike computers, some motor driven exercise equipment, cellular phones, or when you walk through electric security gates.
- To avoid crosstalk from another cyclist with a Polar Speed Sensor, keep a distance of at least 1 metre/3'4" between your cycling computer and the Polar Speed Sensor of the other cyclist.

TECHNICAL SPECIFICATION

Operating temperature: -10 °C to +50 °C /
                       +14 °F to +122 °F
Battery life: Average 4500 hours
                       (1 h/day, 7 days/week)
Accuracy: ±1 %
Material: Thermoplastic polymer
Water resistance: Water resistant (splashproof)

Water resistance of Polar products is tested according to International Standard ISO 2281. For more information, visit www.polar.fi/support.

LIMITED POLAR INTERNATIONAL GUARANTEE

- This guarantee does not affect the consumer's statutory rights under applicable national or state laws in force, or the consumer's rights against the dealer arising from their sales/purchase contract.
- This limited Polar international guarantee is issued by Polar Electro Inc. for consumers who have purchased this product in the USA or Canada. This limited Polar international guarantee is issued by Polar Electro Oy for consumers who have purchased this product in other countries.
- Polar Electro Oy/Polar Electro Inc. guarantees the original consumer/purchaser of this device that the product will be free from defects in material or workmanship for two (2) years from the date of purchase.
- **The receipt of the original purchase is your proof of purchase!**
- The guarantee does not cover the battery, normal wear and tear, damage due to misuse, abuse, accidents or non-compliance with the precautions; improper maintenance, commercial use, cracked, broken or scratched cases/displays, elastic strap and Polar apparel.
- The guarantee does not cover any damage/s, losses, costs or expenses, direct, indirect or incidental, consequential or special, arising out of, or related to the product.
- Items purchased second hand are not covered by the two (2) year warranty, unless otherwise stipulated by local law.
- During the guarantee period, the product will be either repaired or replaced at any of the authorized Polar Service Centers regardless of the country of purchase.

Guarantee with respect to any product will be limited to countries where the product has been initially marketed.

DISCLAIMER

- The material in this manual is for informational purposes only. The products it describes are subject to change without prior notice, due to the manufacturer's continuous development program.
- Polar Electro Inc./Polar Electro Oy makes no representations or warranties with respect to this manual or with respect to the products described herein.
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